(19) 世界知的所有権機関 国際事務局



(43) 国際公開日 2003 年10 月23 日 (23.10.2003)

PCT

(10) 国際公開番号 WO 03/086464 A1

(51) 国際特許分類⁷: A61K 45/00, 31/519, A61P 5/24, 15/12, 43/00, C07D 495/04

(21) 国際出願番号:

PCT/JP03/04554

(22) 国際出願日:

2003 年4 月10 日 (10.04.2003)

(25) 国際出願の言語:

日本語

(26) 国際公開の言語:

日本語

(30) 優先権データ:

特願2002-111235 2002 年4 月12 日 (12.04.2002) J

(71) 出願人 (米国を除く全ての指定国について): 武田薬品工業株式会社 (TAKEDA CHEMICAL INDUSTRIES, LTD.) [JP/JP]: 〒541-0045 大阪府 大阪市 中央区道修町四丁目 1番 1号 Osaka (JP).

(72) 発明者; および

(75) 発明者/出願人 (米国についてのみ): 日下 雅美(KUSAKA,Masami) [JP/JP]; 〒651-2102 兵庫県 神戸市西区学園東町1丁目4-102-301 Hyogo (JP). 古矢修一(FURUYA,Shuichi) [JP/JP]; 〒305-0821 茨城県つくば市春日1丁目7-9-603 Ibaraki (JP).

- (74) 代理人: 高橋 秀一, 外(TAKAHASHI,Shuichi et al.); 〒532-0024 大阪府 大阪市 淀川区十三本町 2 丁目 1 7番85号武田薬品工業株式会社大阪工場内 Osaka (JP).
- (81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) 指定国 (広域): ARIPO 特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

添付公開書類:

— 国際調査報告書

2文字コード及び他の略語については、 定期発行される 各PCTガゼットの巻頭に掲載されている「コードと略語 のガイダンスノート」を参照。

BEST AVAILABLE COPY

(54) Title: PREVENTIVES/REMEDIES FOR HOTFLASH

(54)発明の名称: ホットフラッシュ予防・治療剤

(57) Abstract: It is intended to provide preventives/remedies for hotflash which contain a nonpeptidic compound having an antagonism to gonatropin-releasing hormone, in particular, a nonpeptidic compound showing migration into the brain and having antagonism to gonatropin-releasing hormone.

) (57) 要約: 性腺刺激ホルモン放出ホルモン拮抗作用を有する非ペプチド性化合物を含有してなるホットフラッシュ - 予防・治療剤、特に化合物の性質として、脳内移行性である性腺刺激ホルモン放出ホルモン拮抗作用を有する非ペ - プチド性化合物を含有してなるホットフラッシュ予防・治療剤を提供する。



INTERNATIONAL ARCH REPORT

Internatic plication No.
PC_r/JP03/04554

	SIFICATION OF SUBJECT MATTER	2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	25 / 2 4
Int.	.Cl ⁷ A61K45/00, 31/519, A61P5/2	24, 15/12, 43/00, C07D49	95/04
According	to International Patent Classification (IPC) or to both n	ational classification and IPC	
According	to international Patent Classification (if C) or to both in		·
	S SEARCHED		<u> </u>
	ocumentation searched (classification system followed		
Int.	Cl ⁷ A61K45/00, 31/519, A61P5/2	24, 15/12, 43/00, C07D49	95/04
		•	
Documenta	tion searched other than minimum documentation to th	e extent that such documents are included	in the fields searched
Tri	data base consulted during the international search (nam	of data have and subary mosticable and	ah towns used)
	lata base consulted during the international search (nam LUS, MEDLINE, EMBASE, BIOSIS	ie of data base and, where practicable, sea	ich tenns useu)
CAPI	105, MEDITAE, EMBASE, BIOSIS		
		· 	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	porton rights of the relevant passages	Relevant to claim No.
	· ·		
Y	WO 99/55358 A (PRAECIS PHARM		1-6,8
	04 November, 1999 (04.11.99)	,	
	Full text		
	& JP 2002-512976 A	·	
v	WO 00/56739 A (TAKEDA CHEMIC	TAI TAIDHCHDIEC IND \	1-6,8
Y	28 September, 2000 (28.09.00)		1-0,0
	Claims; examples 1, 2) <i>i</i>	
	& JP 2001-278884 A	·	•
	W 01 2001 270004 A		
		·	•
		, in the second	
	•		
	·	•	
F1	de constant l'andie de continuation of Pour Co	Connected family appear	
L Funn	er documents are listed in the continuation of Box C.	See patent family annex.	•
	l categories of cited documents:	"T" later document published after the inte	
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing		priority date and not in conflict with t understand the principle or theory und	
		"X" document of particular relevance; the claimed invention cannot b	
date "L" docum		considered novel or cannot be considered	
L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone document of particular relevance; the claimed invention cannot	
special	reason (as specified)	considered to involve an inventive ste	p when the document is
O" document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such documents, such combination being obvious to a person skilled in the art	
	ent published prior to the international filing date but later	"&" document member of the same patent	
than th	e priority date claimed		
	actual completion of the international search	Date of mailing of the international sear	
10 J	Tune, 2003 (10.06.03)	24 June, 2003 (24.0	10.03)
			•
Name and mailing address of the ISA/		Authorized officer	
Japanese Patent Office		·	
- .			
Facsimile No.		Telephone No.	

C

Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1. X Claims Nos.: 7 because they relate to subject matter not required to be searched by this Authority, namely: Claim 7 substantially pertains to methods for treatment of the human body by therapy and thus relates to a subject matter which this International Searching Authority is not required, under the provisions of Article 17(2)(a)(i) of the PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.			
2. Claims Nos.:			
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
3. Claims Nos.:			
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows:			
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers			
only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is			
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest			
No protest accompanied the payment of additional search fees.			

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1998)